



Hydromet Services and Disaster Resilience Regional project (P154477)

SOUTH ASIA | Bhutan | Social, Urban, Rural and Resilience Global Practice Global Practice |
 Recipient Executed Activities | Investment Project Financing | FY 2017 | Seq No: 1 | ARCHIVED on 20-Dec-2016 | ISR26421 |

Implementing Agencies: Department of Disaster Management, National Center for Hydrology and Meteorology, Department of Agriculture and Forests

Key Dates

Key Project Dates

Bank Approval Date:20-Sep-2016

Effectiveness Date:03-Oct-2016

Original Closing Date:30-Jun-2020

Revised Closing Date:30-Jun-2020

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The proposed development objective of this project is to strengthen Bhutan's capacity for hydromet services and disaster preparedness.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Overall Ratings

| Name | Previous Rating | Current Rating |
|--------------------------------------|-----------------|----------------|
| Progress towards achievement of PDO | -- | ● Satisfactory |
| Overall Implementation Progress (IP) | -- | ● Satisfactory |

Implementation Status and Key Decisions

The HSDRR project became effective in October 2016 and has been under implementation for two months. All project activities are on track and are progressing well. Bid documents for major activities under all components are at advanced stages of preparation. A Project Steering Committee (PSC) comprising of representatives of all three implementing agencies has been formed and met in November to coordinate information regarding project activities, indicating strong willingness to coordinate during implementation. The agencies are also coordinating on activities relating to location of monitoring instruments and observation systems, helipads, and other activities. Three pilots have received training in Canada under activities implemented by Department of Disaster Management. It was noted that the Department of Hydrology and Meteorology (DHMS) has become an independent agency and that its name has changed to the National Center for Hydrology and Meteorology (NCHM). DDM has initiated



procurement of the project coordinating consultant and should complete this soon so that all monitoring and reporting activities stay on track.

Risks

Overall Risk Rating

| Risk Category | Rating at Approval | Previous Rating | Current Rating |
|---------------|--------------------|-----------------|----------------|
| Overall | -- | -- | ● Substantial |

Comments

The overall risk rating for this project is designated as Substantial. The main risks relate to limited institutional capacity of the implementing agencies, coordination needed and technical complexity of the project. The following measures are being put in place to mitigate these risks: A project coordinator is in the process of being hired and is expected to be in place by January 2017. A Project Implementing Unit (PIU) is in place for all implementing agencies. The Bank team has been providing continuous technical guidance to the implementing agencies on the development of ToRs and bidding documents to ensure quality and timeliness of the procurement packages. A Steering Committee has also met to coordinate activities.

Results

Project Development Objective Indicators

► Strengthened capacity for hydromet services. (Measured by increase in number of services developed) (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00 | -- | -- | 2.00 |
| Date | 21-Sep-2016 | -- | -- | 30-Jun-2020 |

► Improved capacity for preparedness. (Measured by strengthened emergency communications capacity established at the district level) (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00 | -- | -- | 15.00 |
| Date | 21-Sep-2016 | -- | -- | 30-Jun-2020 |

Overall Comments

As mentioned earlier, project activities are on track to meet the PDO and key indicators. All three agencies are working on priority bid documents and 3 pilots have already been sent for training through the component managed by DDM.



Intermediate Results Indicators

▶ Improved Infrastructure for Aviation meteorology (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00 | -- | -- | 100.00 |
| Date | 21-Sep-2016 | -- | -- | 30-Jun-2020 |

▶ Improved integration of meteorological data from different sources (Yes/No, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | N | -- | N | Y |
| Date | 21-Sep-2016 | -- | -- | 30-Jun-2020 |

▶ Infrastructure for air rescue operations established (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00 | -- | -- | 2.00 |
| Date | 21-Sep-2016 | -- | -- | 30-Jun-2020 |

▶ Agromet advisories developed for pilot districts (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00 | -- | -- | 2.00 |
| Date | 21-Sep-2016 | -- | -- | 30-Jun-2020 |

Overall Comments



Data on Financial Performance

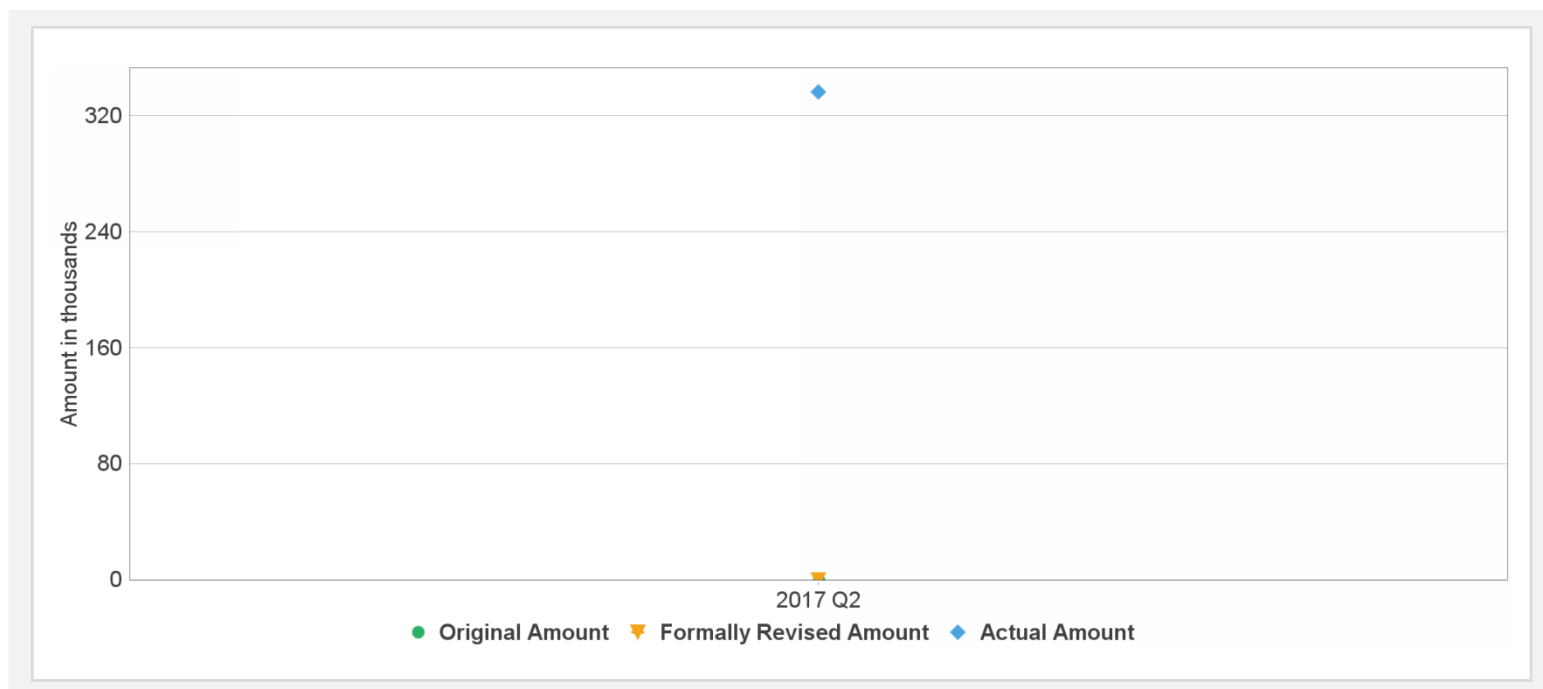
Disbursements (by loan)

| Project | Loan/Credit/TF | Status | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | Disbursed |
|---------|----------------|-----------|----------|----------|---------|-----------|-----------|-------------|-----------|
| P154477 | TF-A3507 | Effective | USD | 1.50 | 1.50 | 0.00 | 0.13 | 1.37 | 9% |
| P154477 | TF-A3511 | Effective | USD | 1.80 | 1.80 | 0.00 | 0.16 | 1.64 | 9% |
| P154477 | TF-A3513 | Effective | USD | 0.50 | 0.50 | 0.00 | 0.04 | 0.46 | 9% |

Key Dates (by loan)

| Project | Loan/Credit/TF | Status | Approval Date | Signing Date | Effectiveness Date | Orig. Closing Date | Rev. Closing Date |
|---------|----------------|-----------|---------------|--------------|--------------------|--------------------|-------------------|
| P154477 | TF-A3507 | Effective | 20-Sep-2016 | 21-Sep-2016 | 03-Oct-2016 | 30-Jun-2020 | 30-Jun-2020 |
| P154477 | TF-A3511 | Effective | 20-Sep-2016 | 21-Sep-2016 | 03-Oct-2016 | 30-Jun-2020 | 30-Jun-2020 |
| P154477 | TF-A3513 | Effective | 20-Sep-2016 | 21-Sep-2016 | 03-Oct-2016 | 30-Jun-2017 | 30-Jun-2017 |

Cumulative Disbursements



Restructuring History



There has been no restructuring to date.

Related Project(s)

There are no related projects.
